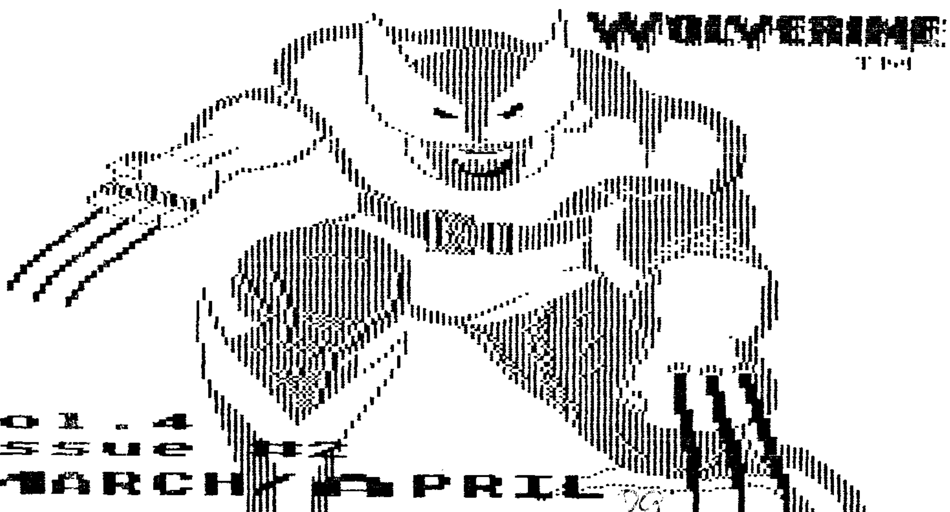
The Ol' Hackers NEWSLETTER

The Official NEWSLETTER of the
Atari 8-BIT Users Group



Vol. 4
Issue #2
MARCH/APRIL 89

INSIDE THIS MONTH.....
WQNR BBS NOW RUNS OLD' HACKERS BBS
SURVEY RESULTS FROM ANALOG
FIRST XLENT TIPS/HINTS
BIT BYTER NEWS

ZIG MAG UPDATES AND MUCH MORE......

Who's WHO ?

OFFICES

PRESIDENT....................................Al Beitchman
VICE-PRESIDENT...............................Alex Pignato
SECRETARY....................................Allen Atkins
TREASURER....................................Jim McGuire
LIBRARIAN....................................Josef Leber
LEGAL-COUNSEL................................Jerry Ginsberg
EDITOR.......................................Carlos Hurtado
CO-EDITOR....................................Andrew Buongiorno
PROMO-DIRECTOR...............................Kris Holtegaard

OFFICIAL NOTICE!!!

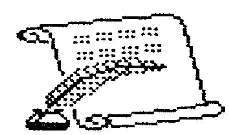
The Ol'Hackers Atari Users Group Inc.(O.H.A.U.G.) is in no way associated with the ATARI Corp.,or any of their afffiliates,other than using a great product.Atari and Atari related products are the Trademarks of their respective companies and are usedonly as informational help to our members and the Atari user in general.

The opinions herein are not necessarily those of O.H.A.U.G. but those of the various individual authors.

O.H.A.U.G. is a NOT-FOR-PROFIT Organization in the State of New York.

O.H.A.U.G. will NOT tolerate ANY referances,directly or by implication,to piracy or the use of any computer equipment for illegal activities.

From the Pres.



(LAST) PRESIDENTS MESSAGE
by ALEX PIGNATO 1/21/89

By the time you read this, I shall really be an EX-PRESIDENT, and the new presidents message should be somewhere in this newsletter. Which reminds me tn give a real. THANK YOU to the EDITOR ANDY BUONGIORNO, and the CO-EDITOR CARLOS HURTADO, for their great **last** edition. I was proud to send it out tn all our exchange clubs! I have heard nothing but praises for their work:.

The incnming president starts off with a smaller group than we had in the past, due to the loss of members who have decided to move up to the 520ST, or the IBM clones, but a more dedicated group. This malady has struck all the clubs, according to the many newsletters I have read. It's my belief, which I have voiced many times, that is better to have a small working group, than a large group who sit on their duffs and say, "O.K., ENTERTAIN ME, TEACH ME, and LET ME FEED OFF YOU WORKERS, I'm only here to TAKE."

What they don't realize is the fun and knowledge one gets when one is involved in club activities, such as demo'ing a program and perhaps learning something from the audience that you had missed, or being LIBRARIAN, and being privy to all the NEW programs and disks, or, yes, being PRESIDENT and being in touch with so many wonderful ATARI people both in and out of the club! I know that I have made friends that I never would have known if it weren't for my 3 years as president!

Once again, and for the last time, thanks to all of you for your faith and trust in voting for me, it's been a lot of work but the reward and satisfaction of seeing the club prosper has all been worthwhile. Lets get behind the new president and continue to make OL' HACKERS the best *8* BIT club of all. It's really all up to each of you. If you can't see the truth in that, then the OL' HACKERS will slowly fade away, and be a memory. I hope that is not the case.

Be seeing ya at the meet!

ALEX



A MESSAGE FROM THE NEW PRESIDENT AL BEITCHMAN

Hello to all my fellow Rtarians:

I want to take this opportunity to thank each of you for your support. Without each of you attending meetings and contributing to the growth and continuation of: the OL' HACKERS ATARI USERS GROUP, INC., I would not be writing this letter as the new president.

There are a few points I want to dwell on far now:

First, thank you for having the cunf:idence in me to choose me as the president of our club. In all actuality, it is you, the membership, that makes the organization continue. I will attempt to give it some direction and guidance.

Second, many, many thanks have to be passed along ta ALEX PIGNATO for his past involvement and dedication that brought the club tn its present status. HOO-RAH for ALEX! If I may say, we would not have the club tnday if it hadn't been for ALEX's perserverance. Additionally I want to thank ALEX for suggesting me as a nomination for the position of president.. I understand the voting was "hot and heavy" and until the last votes were in, my competitors were nose to nose with me. But, obviously, the best man won.

Third, it is understood that ALEX will continue his dedication to the club in the position of Special Projects Coordinator and vice president. Also, ALLEN ATKINS will remain as secretary, JIM MCGUIRE as treasurer, CARLOS HURTADO as newsletter editor (with ANDY BUONGIORNO as his assistant), and the current staff of supporters in the legal, technical and many un-sung areas continuing as they have. I look forward to working with all of you.

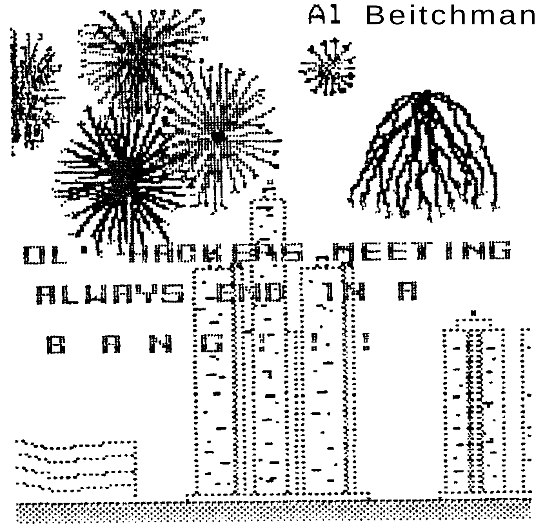
As some of you long standing members know all too well, it takes a lot of work to "make it work". My personal convictions are that if we all contribute and pull in the same direction, the O.H. A.U.G. will get better and better. Keep this in mind: the more you put in, the more you can take out. This pertains to each and all of us.

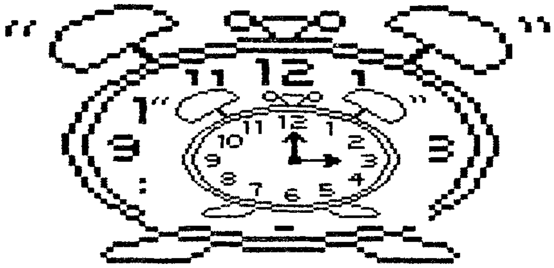
I solicit your suggestions and recommendations, be they positive or negative, in all matters concerning the O.H.A.U.G. Without each af you, we all wouldn't be here enjoying the benefits of the club.

In closing let me say I am planning to schedule more demos, specialized educational sessions, more door prizes and raffles and additional activities that many of you have requested. Stay active and enjoy your club.

Sincerely,

Al Beitchman





MINUTES OF THE LAST MEETING

MINUTES OF THE JANUARY 1989 MEETING

GENERAL MEETING:

ALEX PIGNATO held up ANDY BUONGIORNO and CARLOS HURTADO's first issue of the "OL HACKERS NEWSLETTER" and wished our editors much success. If: this issue is an indication of future newsletters, we are well on nur way back to the "good ol" newsletters of the past. ANDY and CARLOS did attack this new assignment with gusto and lots of vigor as the club abandoned the disk: version for now, and went back to hardcopy. A special thanks went to both of them, for their hard work in making this venture go.

Next, JACK GEDALIUS ran the video tape he had created at the club dinner in Bellmore. In addition he had displayed on the walls, many digitized pictures also taken at the dinner. Besides being very enjoyable he has a permanent record of the first OL'HACKERS dinner.

TREASURY/MINUTES REPORT:

ALEX read the minutes from the DECEMBER 3rd meeting and JIM MCGUIRE gave his treasury report. JOSEF LEEER made a motion to accept both reports as read and BRAD JAWORSKI seconded this motion and it was carried.

8 BIT NEWS:

ALEX read news from other clubs, cancerning the eight bit camputer, from newsletters received from around the country, because of our newsletter exchange.

From ATARI CORP, Ms C. Cleaverson, USER GROUP COORDINATOR, sent some attractive bumper stickers saying "I LOVE ATARI". Maybe Ms. Claveron can help the ATRRI Corp. recognize the value of USERS GROUPS. The OL'HACKER is a registered ATARI USER GROUP with the ATARI CORP., thanks to our president ALEX'' contact with them.

From HUNTINGTON BEACH, CALIFORNIA an eight bit article about a program called "CUTE LABELS", by one of their members.

From CLEVELAND, news of the eight bit Diamond Series of new programs, SPARTA-DOS XE from ATARI (we expect to have it at our February 11th meeting)., P/S Converter, P/S Official Handbook, new P/S ELITE, TURBO 816. Surely the announcement of the death of the 8 BIT was premature, to say the least.

From CHICAGO, the standard lament of the noticeable lack: of club volunteers.

From CANADA, Mr. NIEK VANDERLEE, became our first paid member- for the New Year, 1989.

OL'HACKERS' EBS:

KEVIN ELAES reported some equipment problems with the club BES, which is still functioning, and in order to stay on the air, the equipment is naw being checked out.

After three years as SYSOP of the OL'HACKERS BES, KEVIN will be stepping down.. ... Any volunteers????? Hopefully, a knowledgeable operator who is strong on SPARTA DOS will step forward and claim the job.

KEVIN also informed the club members about a new "8-BIT CARTRIDGE EXPRESS TERMINAL" program. It's a 32 bit cartridge with pop-up, and pull down menus and has a much larger buffer than "EXPRESS 850". The program uses 'EXT PRO" for help and will have disk: upgrades. Because of his contact with KEITH LEDBETTER, he hopes to have a BETTA test copy for a demo at our next meeting!

ELECTIONS:

By a vote of the BOARD OF DIRECTORS present, JOSEF LEBER was elected to the BOARD OF DIRECTORS to replace GORDON WANTZ, who has upgraded to the 16 BIT micros. We thank him for past services rendered. The honor to JOSEF, is richly deserved far our hard working club librarian. (Way to go JOSEF).

The numinating committee has 'bmitted their slate to keep the present BOARD OF DIRECTORS, except as above. The DIRECTORS when elected in February, will vote on the new club officers.

DOOR PRIZES:

The list of prizes only seems to get bigger and better each manth. The JANUARY winners were:

CARLOS HURTADO- Utilities and Christmas Disk

AL BEITCHMAN- Koala & Pics/Fader II and Pics

BRIAN ANSEACH- DECEMBER 88 Antic Disk

HARRY TUTHILL- Chr-istmas Music & Graphics and Income Tax, used with Syncalc.

BRAD JAWORSKI- Home Filing Manager

DEMONSTRATIONS:

JACK demo—d "PARROT II" and filled the room with strange sounds, the program is a mix and match, using different sounds to a song that you select from the menu. Thanks JACK we enjoyed playing with it!

BRAD demo'ed "The PiLL" which he had picked up at a fire sale. Its a plug in and cartridges can be cnpied with the ATARI COMPUTER but the disk:: can't be run without "THE FILL". The plug in cartridge simulates the orginal cartridge and allows the disk version to be loaded and run. BRAD used "SMART DOS" and renamed the program Autorun. Seems as though BRAD can sure come up with great and unusual demos! KEEP IT UP GUYS!

FUTURE MEETING DATES:

Future meeting dates fur the OL' HACKERS are:

MARCH 11, 1989 MAY 6th, 1989 (Please note that MAY 6th is a changed date, the 1st SATURDAY of the month.)
APRIL 15, *1989* JUNE *17, 1989*

All dates are an a SATURDAY except as noted above, and are scheduled for 12 noon at the PLAINVIEW/OLD BETHPAGE LIBRARY.

Remember....... the next OL' HACKERS ATARI USER GROUP meeting is scheduled FEBRUARY 11th, *1989* at *12* noon. See you then.

Secretary,

AL ATKINS

ATARI

Power Without the Price

MINUTES FROM THE

FEBRUARY 89 MEETING

MINUTES OF THE FEBRUARY 1989 MEETING

GENERAL MEETING

You might say that we got off to a very "Colorful Start", in fact, you might say a "Multi-Cnlored" start as ALEX F'IGNATO, chaired his last meeting as a President, demo'ed FEBRUARY's ANTIC magazine program "MANDALA MOVIES." As ANTIC magazine put it:, "An addictively creative kaleidoscope construction set", and it once again showed off the power and graphics of the "MIGHTY *8* BIT MICROS."

BOARD OF DIRECTORS

The EUARD OF DIRECTORS voted approval for the slate of proposed officers. Voted intn office for the 1989 year are as follows:

PRESIDENT---------------	AL BEITCHMAN
VICE F'RESIDENT----------	ALEX F'IGNATO
SECRETARY---------------	ALLEN ATKINS
TREASURER---------------	JIM McGUIRE
NEWSLETTER EDITOR-------	CARLOS HURTADO
NL CO-EDITOR-----------	ANDY EUONGIOHNO
SYSOP OL'HACKERS BBS---	KRIS HOLTEGAARD
P/D LIBRARIAN----------	JOSEF LEBER
RESIDENT PROGRAMMER----	JIM HAMMERGREN

Our new President AL EEITCHMAN, was unable to be with us, as he had to be out of town at a seminar for his company, but he will be running the next meeting.

The members agree that this looks like a real winning team, now lets all give one hundred percent support to make *1989* the OL' HACKERS finest year todate. Contribute your talent, and/or knowledge and we will succeed!

TREASURERY/MINUTES

ALEX then read the minutes from the JANUARY meeting and JIM McGUIRE gave his treasury report. KRIS HOLTAGAARD made a motion to accept both reports as read and JIM HAMMARGREN seconded this motion and it was carried.

NEWSLETTER

Whats the KEY WORD? "FLIP-FLOP", and that about explains what has happened to the OL' HACKERS NEWSLETTER staff. The editor ANDY EUONGIORNO and CARLOS HURTADO swapped titles. These changes came about when ANDY announced his pending marriage irr APRIL and his moving to KINGS COUNTY (sometimes called BROOKLYN). Its; still the sa... team that put out the last NEWSLETTER that was so well received by all.

DUEL EES SYSTEM

KRIS walked the members through the "PRO EXPRESS" multi-level log-on to be used by the QL' HACKERS/WQNR BBS. He explained the menu letters and numbers far easier access to the different bases. The BBS is loaded with all kinds of goodies, check it out as soon as possible. We also learned the "handles" used by our club members (now I'll know who the KOOK is that leaves crazy messages). The BBS telephone number is (516) 696-4246 and telephone charges to call the BBS i SELDEN are about the same as a cal. to the old EBS in LINDENHURST, both towns are in WESTERN SUFFOLK COUNTY.

DOOR F'RIZES

Again as stated last month, the door prizes seem to grow larger each and every month. The FEBRUARY winners were:

JIM HAMMARGREN "ANTIC MARCH ***1989"***
JOSEF LEBER "CROSS WORD PUZZLES /ARCX,w/HELP DOCS"
CARLOS HURTADO "MUSIC MAKER/AMS"
AL ATKINS "ACENNJ FEB 88 NL"
ANDY EUONGIORNO "TALKING TODDLER/MUSIC MAKER"
JIM McGUIRE "ANTIC DECEMBER '88

I seem to recall that HARRY TUTHILL won a door prize again, but my notes are not too clear on that. HARRY wins so aften that I get lost. Hey gang, I

guess you could say that it pays to attend meetings, doesn't it?

BOMB

This paragraph could easily be titled "How to break up a meeting very quickly". About two hours into the OL" HACKERS monthly meeting, a library official entered the room and announced "That a fire drill was being held and everyone should leave the building". The fire drill, we later discovered, was actually a bomb threat called into the library. (Never a dull moment at an OL' HACKERS meet.) The police search took: approximately fifty minutes, then we were allowed back into the library. By that time we had lost some members due to the cold, as some found a warmer climate - in their homes, hnwever the never say die guys, returned and continued with the demo's etc. till 5:00 P.M.

FUTURE MEETING DATES:

FUTURE meeting dates for the OL' HACKERS are:

APRIL 15, 1989 JUNE 17, 1989
MAY 6, 1989*

A11 dates are on a SATURDAY and are heduled for 12 noon at the PLAINVIEW/OLD EETHFAGE LIBRARY.
Remember........the next OL' HACKERS ATARI USER GROUF meeting is scheduled for MARCH 11, 1989 at 12 noon. See you then.

Secretary,

AL ATKINS

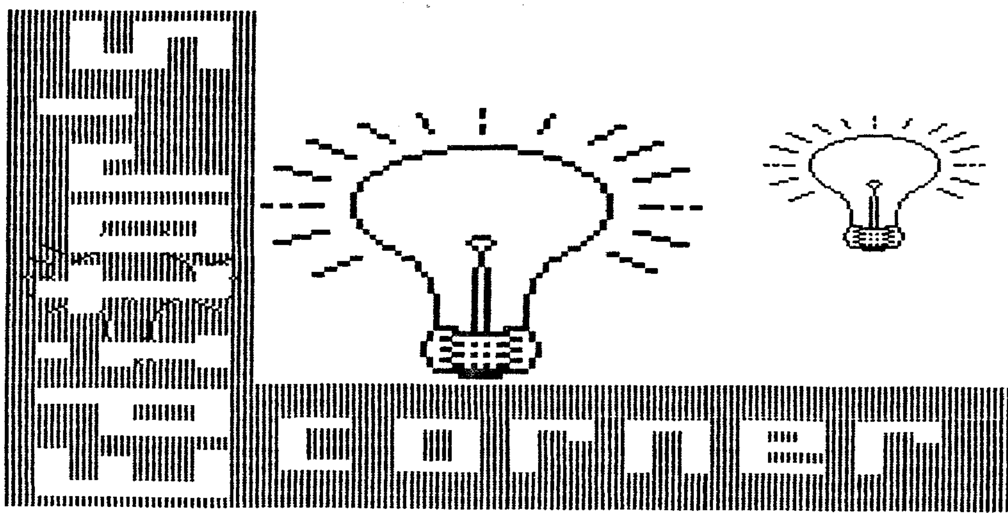
* PLEASE NOTE that MAY 6th is a changed date, the first SATURDAY of the month.

NEW ON OL'HACKERS BBS

Upload a disk: or two to your OWN private data/utility base and retrive them at a later date when yau purched more disks. That" one of the many uses of a personal storage data/utility base. Another is if your on-line and you are scanning through the message bases of either WQNR or Ol' Hackers BBS and come up with an idea for and artical for the you can write a quick outline and save it to you personal data base to down load then or at a later date. With this option you will always have the out line and it would he fresh in you mind to what you wanted to write the artical about. Also you will have that availabley to sed files across to another users data/utility base. Your saying what do you mean by that? Easy. lets say that you have a file a member of the group needs and you have it in you personal directory all you would have ta do is type in at the command prompt... Example Below:

```
[Path] D:Your_Dir>
Command> Send Kris Robins Filename.Ext
```

After you have type in the user name and the file you sent you then will leave a little message that the file that, that user wanted from you is in that users database far he/she to download. Remember that you'll NEVER Have to Type in The Drive number just the names or commands of the items yau wish ta do. Id you laok at the Help menu listed below you will get an understanding of all the commands available to you.



A funny thing happend to me on the way to the Feb 11th 01'Hackers' meeting, if this sounds like Andy's words, let me explain. I now have the hannrs of being the Editar of this Newsletter and with the help of Andy we will have a Newsletter every other month.

**** SPECIAL, NOTICE ****

As you all may know by now the 01' Hackers EBS has moved to a new locatian and a new number. We are now called OL' HACKERS/WQNR ERS and the new number is 516-696-4246. Reason being we are now saving some mnney by running two boards in one. While an the subject of hoards, please up load all Newsletter articles/news etc via the [M] MAILROOM to me as a "ASCII SAVED" file.

The Analog Magazine survey sheet was passed around at the Feb meeting, of those that responded, here are the results:

PROGS. YOU LIKE		TYPES OF ARTICLES	
GAMES	15	REVIEWS	18
UTILITIES	20	GENERAL INTEREST	19
PROG. AIDS	12	PROGRAMS	16
GRAPHICS	15	PROGRAMS TUTOR.	16
SOUND	12	SHOW REPORTS	4
BBS USE	19		

THOSE INTERESTED IN TYPE IN PROGRAMS:

NOT AT ALL	1
SOMEWHAT	11
FOR THE MOST PART	9
DEFINITELY	17

The surveys were sent to Analog with our club letterhead to show that we are united users.....

Please keep those articles coming in, if you don't have a modem you can send your information to me at Hurtado, 117-05 149 Ave. So.Ozone Park, N.Y. 11420. Thank:: you and keep on computing!!!!!!!!!

The Number is (516) 696-4246

News From The Ol' Hackers/WQNR BBS

March 1989

All BBS Updates Posted Here

BOARD REPORT

Comming soon to The Ol' Hackers BBs will be a user Utility Storage DataBase. You ask "What is that?" Well did you ever run out of disk space or disks, and couldn't get out and buy some. Well this can slove part of the problem in an emerangcy fast. What you would do is Upload a Disk or two, to your own private data utility base and retrive it at a later date or when you bought some new disks. That's one of the many uses of a personal storage data/utility base on either WQNR or Ol' Hackers BBS. Another good use for the utility data base is access to the online W/P.

With the access to the online W/P you'll be able to write a quick outline for a newsletter item that you have an idea for and don't want to forget what you have on your mind. You would write the outline then download it for your refrence later on when your ready to write the complete story. Also the availablity to send files from you directory to another culb member for them to see, it could be either a text file or a program. You Say "How would I send a file to another club member while online?" That's easy all you would have to do is type in the following in the example listed below:

[Peach] D:Your_Dir>
Command>Send Kris Robins Filename.Ext

After you have typed in the command SEND you would then type in the name of the user you wish to send it to followed by the full filename and its extender. The user that you sent the file to will automaticly be notifed that there's a file(s) waiting for he/she in their data base (This is not like Filemail). Remember! you will NEVER! have to type in the Drive numbers this has already been done in the program for you. What about on-line help files? The answer is yes there will be plenty of on-line help files if you have any problems. What commands are there available in the User/Utility/Storage/DataBase? To start off with there are 28 commands. Split down into catagories you have (7) Directory/Disk Commands (10) File Commands and (11) Mic. Commands that you will need and would come in handy. Now what are these commands I'm talking about, well lets take a look.

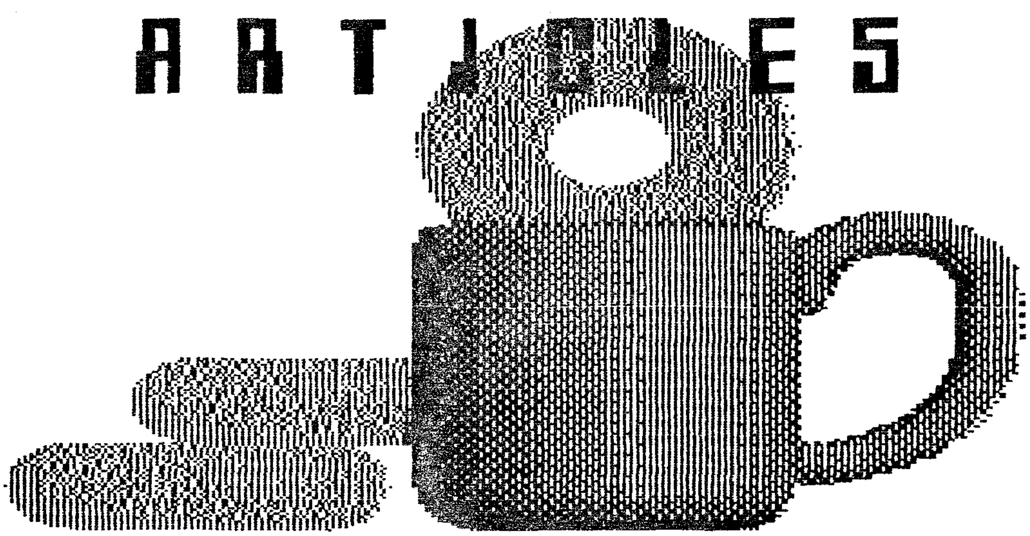
Here are the Directory/Disk Commands.
1 DIR Long Directory
2 DIRS Short Directory (Atari 2.5)
3 CREDIR Create your own Dieectory
4 DELDIR Delete a directory you Make
5 CWD Change working directory
6 COUNT Count files you have
7 CHKDSK Check Disk how much room

Here are the File Commands you have. In The following Commands there will be no WILD CARDS ALLOWED! Like ERASE *.*
1 ERASE Erase one file at a time
2 DELETE Same as ERASE Command
3 RENAME Rename one file at a time
4 TYPE View a small 40 column file
5 VIEW A file that is any size or type
6 LOCK Lock one file at a time
7 UNLOCK Unlock one file at a time
8 Whereis **Find** a file you want fast
9 UPLOAD/DOWNLOAD

Here are the Extra and Mic. Commands.
1 CHAT Call for the Sysop
2 SMAIL Send E-Mail to a user
3 RMAIL Read Your E-Mail
4 FMAIL Send File Mail to a User
5 FSEND Send a File
6 FBACK Send Feed Back to The Sysop
7 BYE Logoff the BBS
8 SHOWTIME Check the current time
9 SHOWDATE Check current date
10 HELP or ? For The Help Files
11 EXIT or X Exit back to the BBS

More Commands will be added as needed. If you become part of this inovation do leave feeback to what you would like added to the User/Utility/Work/Data Base. There always room to make more commands available for any idea. that you might have and. would like to see impelmented on The Ol' Hackers BBS.

Now for a NEW Update! ver. 2.0 of Express Pro! was released on 2/25/89 with some NEW! features. One of the newset features is Y-Modem Batch Downloading. If you would like to use the option of Y-Modem Batch you must have DETERM ver. 1.59d. I suggest if you don't have it all ready the download it with all its associated files. With ver. 2.0 of Pro! came alot of changes that you will see on the BBS. One my end one of them was FILEMAIL with vers 1.0 to 1.4d there wasn't any problems with FILEMAIL. With the release of ver. 2.0 there were major problems with the old filemail. Now with the new filemail there are more added features one of them is a way to send a file from file sig to a user you want to send it to in filemail. No more will you have to upload a file that's on the Board Allready. ENJOY!!



WHY A USERS CLUE?
by ALEX PIGNATO

The fallowing is not intended as a review of or an endorsement of the STAR MICRONICS printers, although it will probably read that way

****

Recently I received a call from our FLORIDIAN member, DENNIS KLINE, advising me that his faithfull GEMINI 10X printer had finally given up the ghost, and that he would have to buy a new printer. We spoke for a while, and he remembered that I had purchased a STAR NX10 for my daughter a while back, and how pleased both she and I were with the printer. I reminded DENNIS that STAR MICRONICS had come out with a later model called NX 1000, and he should consider it as it was said to be 100% compatible with the de facto standard, EPSON, but somewhat cheaper. He called me a couple days later and tnld me he had bought it. He then proceeded to tell me how good it was, and some of its features, and mostly, how happy he was that he bought it, in spite of the lukewarm review in one of the magazines.

About 1 week ago GEORGE DENNIS called and told me his ATARI 1027 had broken dawn and he needed another print-er post haste. He remembered a conversation at one of our monthly meetings where I had tald him about the two printers I had bought, and how pleased I was. He asked me for some advice on printers. I told him that my experience was very limited **and** in **no** way could I be considered a guru on printers, however I told him what DENNIS KLINE had told me about his new NX 1000, and suggested he call DENNIS KLINE in FLORIDA, and yet his evaluation, then I told him to call KRIS HOLTEGAARD, who could direct him, to stores on LONG ISLAND that sell the interface's and cables.

END OF STORY--- GEORGE DENNIS spoke to me today, and said he bought the NX 1000 printer, interface **and** cables. Hooked it all up and was happily printing out his financial programs (GEORGE is a number cruncher, and as he says, "I'm not interested in graphics or sound, JUST NUMBERS"). He is as pleased as punch with his printer

MORAL OF THE STORY--- Because of the close connection and cooperation of 4 ATARI owners through membership in the OL' HACKERS club, GEORGE DENNIS was able to buy a needed item with the best advice and judgement of three FRIENDS, who would not have even known each other were it not for the club.

JUST ANOTHER EXAMPLE OF THE VALUE OF USERS GROUPS, if one was actually needed.

THE OL' HACKERS ATARI USERS GROUP INC.

SYNDICATE ZMAGAZINE
Issue #144,
February 14, 1989
"Happy
Valentine's Day"

==

################################ <*>
DATAQUE UPDATE
################################ by
Chuck Stienman (Editor Note: This text has been edited for room)

' :aQue Software Dept. T81 Post Office Box 134 Ontaria, OH 44862

On February 1.5, 1989, Compuserve will sponsor an nnline conference featuring Chuck Steinman from DataQue Software to present information and answer questinns concerning the Turbo-816x project.

Feel free to dl.stribute the information in this document to your local user group newsletter editnr. The information contained herein is subject to change without notice, and is provided as a public service to CIS users, and the Atari community at large.

' one wishing to be on the DataQue Software mailing list shouldCsend a Self-Addressed, Stamped #10 sire Envelope to the above address. Please state in your letter where ynu heard about the Turbo-816. I am receiving dozens of letters daily, so please do not get discouraged if the questions you ask are not specifically answered. If time permits I try to answer them all, but things are kind of hectic at times.

For those not familiar with the Turbo-816, it is an adapter board for the Atari XL/XE computers which will replace the current 6502c 8-bit processor, with a new ih-bit: central processor system. The Turbo-816 is compatible with mast of the existing hardware, and software for the Atari 8-bit computers. With the "Dual-Prom" option so far only a handfull of existing programs have been incompatible. Programs which have been incompatible with the Turbo-OS alone have been those which have used illegal entry points into the Atari OS.

The Turbo-816x will come as a kit with everything you should need to get started, some additional items will be needed under certain installations, and these are listed in the Turbo-Install Guide. These items are things like IC sockets, a toggle switch, wire, and soldrr. Tools needed to install a Turbo-816x include a phillips screwdriver, soldering iron, desoldering tool/solder wick, possibly a pair af plyers, and a flat bladed screwdriver.

The Turbo-816~kit includes:

Turbo-816x ....
Central Processor Board
Turbo-OS ....
Operating System ROM
Turbo-816x Connecting Cable ....
12" interconnect cable
Turbo-Install Guide ....
Step by Step Install Instructions
Turbo-816 User Guide ....
Some General Turbo-816 Tips,
"Dual From" Option Guide ....
Suggested Installation Option

This kit will have a suggested price of $159.95, which will be sold factory direct initially for $119.95, plus $4.05 shipping/handling. COD, Foreign, arid special handling would be additional. When orders are accepted, we will initially accept checks, or money orders. If requests for Visa/MC/Discover cards are high enough, we will later accept credit card urders. Due to the additional PROM on the 1200xl the Turbo-816x/12

is currently $10 additional. There are several hardware devices planned far the Turbo-816 line. Some of the devices being developed or investigated include:

Turbo-816a ....
Version fur the 400/800 computers
Turbo-SRAM ....
Static Memory Board (32k-256k)
Turbo-ROM ....
Program ROM board (32k-256k)
Tur-bo-DRAM ....
Dynamic Memory board (256k-4meg)
Turbo-VID ....
80 column Video Adapter Card
Turbo-CAGE ....
Advanced External Card Cage
Turbo-DISK ....
Parallel Floppy Disk Interface

There are several software/firmware items planned for the Turbo-816 line. Some software items being developed or investigated include:

Turbo-FRG ....
Programmers Information Kit
Turbo-DEV ....
Developers Xnformation Kit
Turbo-SRC ....
Turbo-OS Source Code Info Kit
Turbo-BAS ....
New 16-bit BASIC Language
Turbo-CEE ....
New 16-bit C Language
Turbo-ASM ....
New Ih-bit Assembler
Turbo-EDT ....
New 16-bit Screen Editor
Turbo-BUG ....
NPW 16-bit Assembly Code Debugger

Prices far these items and other new items will be released as the items become available. Many items will be devel.oped according tn demand, and the price and availability will be adjusted to reflect that demand.

The Turbo-816~is a small 2.5" by 5" (approx) board which is mounted inside an Atari XL/XE computer system. It is cnnnected via a 40 position ribbon cable to the existing CPU socket. The old Atari 0-bit processor is removed, and if needed a 40 pin socket installed tn allow the Turbo-816x DIP plug to be inserted.

The Turbo-OS is a 28 pin PROM, which is installed either as a replacement for the Atari OS PROM, or in addition to the Atari OS. This is determined by the installation performed. On the 1200xl there are two 24 or 28 pin prams, and in some cases the "Dual-From" option is not available due to those production runs having 24 pin PROMs.

In any case, if the installation is performed as instructed in the Tur; Install Guide, the original. Atari OS, and CFU can be re-installed if the Turbo-816 should ever need to be serviced. There would not need to be any de-soldering to remove the Turbo-816x if those direction; are followed correct].y.

If your Atari computer has its CPU, and PROM in sockets, then the actual installation time, should be well under an hour. If you must de-solder the original OS, and CFU, then the time would be longer.

There is currently only one wire that has to be added the Atari XL/XE motherboard to make the Turbo-816x work. This wire is connected to an unused pin on the Atari 6502c CPU ic socket, so if the Turbo-816x should have to he removed, it would not effect operatian with the Atari CFU at all.

Currently there are 24 beta test sites which are testing their hardware and software under several cnnfigurations of the Turbo-816x. They are by now, in the second stage nf their testing, and the results of the first stage should be available by the conference. Results so far have been very good, and a few programming bugs have been located and corrected. While most people may not understand how difficult it is to write an operating system of this type Crum scratch (including Atari) and still maintain the compatibility with the original. OS.

Bit Eyter News
by Horst A. Dewitz

Magazine # 15 has arrived and here is the latest news from the Bit Byters in West Germany.
Evenings are getting longer and that means more time for our hobby. Why not write some programs for the upcoming magazines(How fitting, this applies to us here too!H.A.D.)
By the time you read this, the annual meeting will have passed. (Read my separate article about the annual meeting which I attended!H. A. D.).Those that missed the meeting can read all abnut it: in the upcoming "Sondermagazin #4".

CLUB NEWS:

Membership stands at 587. Thru talks with Atari representatives at the Duessldorf Atari Fair, we were able to establish a closer relationship with Atari Corp., we hope.That it paid off you will see later. Back to the fair. First our disappointment for not being invited to set up a stand.So we were visitors this time. The 8 bit sector was totaly under represented, If: the COMPY-SHOP and the ARMIN STUERMER PUBLISHING CO.had not made such a strong showing, thing would have been worth. A club from Bremen showed Ataris, but mostly ST's. To our surprise Atari Corp. announced the marketing of the XE System. Plenty of demo sets were displayed at the fair, as well as software and cartridges. ABBUC's leadership feels that buyers of the XE System should be looked at as potential members, because they have a full *8* bit system on their hands, needing only a disk drive and a printer. Because of this potential, ABBUC purchased an XE System thru Atari Corp..ABBUC also purchased the XF551 disk drive thru the same source. Atari Corp. also will release a large number of 800XL's.Quote Atari: after a low in home computer sales, a sudden demand for computers prompted the release of the 800XL, targeted mainly for the beginner.

REDUCED SOFTWARE:

Thru negotiations at the Duesseldorf Atari Fair we were able to buy from Atari Corp. at a reasonable price

1) SynFile
2) SynCalc

These factory fresh programs are available to club members for DM 30.-- plus DM 3.-- Postage. We have only a small stock, but we can secure more. Send order requests to the club headquarters.

LIGHTPEN w/SOFTWARE
Klaus Eilb was able to secure LightPens with Micro-Illustrator Software, price DM 30.-- plus DM 3.-- postage. Order direct from:
Klaus Kilb
Fischenbeck *52*
D-Muelheim Ruhr
West Germany

NEW ACTIONS:

With the help of Joseph Kennedy we send a letter to all english language Atari magazines, requesting tn publish ABBUC's appeal to all Atari Clubs worldwide to form a close relationship between all clubs, in order to put pressure on all manufacturers and software producers, not to let the *8* bit system die. We hope our appeal will be published and we await results from clubs worldwide. Further development will be reported here.

NEW DOS

Atari Corp. send us the new XE Vers.1.0 DOS.apparently the long promised A-DOS.We received this DOS with the request to test same.The review *is* on side a.Note:the COMPY-SHOP and the ATARI MAGAZINE were the only other recipients.

80 CHARACTER CARD

The club received two cards(XEF-80) on loan for testing. A complete test report will be on "Sonderdisk # 4". Some previews - runs of a joystick port, has a monitor output port, 80 character resolution is excellent, centranics printer output. Using the 80 character mode is ok, the 40 character mode has some flaws,primarily software related.We are convinced that this can be solved.

MAILBOX(BBS)

Sa far 4125 calls were received.MINI OFFICE II supports ABBUC'S modem interface and the B-MODEM program.

PRINTER EXFERT FOUND

After one half year without printer expert we welcome
Ralf Heiermann
Im Teifeld 8
D-4352 Datteln
West Germany

Schematics catalog on disk now for DM 4.-, order from Joost Kuep.

CONTEST's

Among the correct answers received for the puzzle on disk: # 14, Friedrich Brucker was selected in a drawing and received ariginal software as prize. 'Program of the magazine' winners received prizes for 'vidio titler', 'schlagz.obj' and 'hunde. bas' .

Sorry to say, only two 5line programs were received, what's the problem?

Prizes will be given far puzzle, title and magazine # 15 programs.Send puzzle solution and program choice to the club headquarters. For text submissions use the text editor from side b from now an please.

Happy Holidays and much pleasure with disk # 15

INSTRUCTIONS for 1st EXLENT W.P.

by ALEX PIGNATO- 2/19/89

Far those of you who use 1ST XLENT WORD PROCESSOR, here are some useful **codes** summerized.

SEARCH -(eyeglasses)-Use TAB to end.

REMOVING 'RETURN' (SPECIAL CODE) Use 'RETURN' to insert-hit 'TAB', then use 'SPACE BAR' for REPLACE, and 'TAB'.

CENTERING -Use 'OPTION + C', or 'OPTION + CC', or 'OPTION F + sp(1,2, or 3).

To show open 1ines --Use 'SHIFT CTRL + SPACE"

PRINTER -Use 'SHIFT CTRL + P' to go directly to printer- Skips Printer ICON!

NO PRINTER CODES -Use 'nc1' for NO CODES. Default is 'nc0'.

DELETE From CURSOR to END use 'SHIFT CTRL + CLEAR'

DELETE WHOLE FILE -Use 'SHIFT + CLEAR"

TO USE PERMANENT INSERT -Use SHIFT + INSERT'

TO REMOVE IT -Use 'SHIFT + INSERT' again.

TO RIGHT MARGIN JUSTIFY Use 'OPTION F' then type in small letters 'ju1'. NOTE- ju1 will block nut the right margin ('rm60', 70, 80 etc.)

FOR RIGHT MARGIN Use 'OPTION F' and 'rm (plus number). Default is 'rm70'.

LEFT MARGIN -Use 'OPTION F' and 'lm (plus number). Default is 'lm10'.

EXIT TO DOS -Use 'CTRL + D'.
RETURN TO 1st EX.' -Use 'RESET"

GO TO PREDETERMINED MARKER -Use 'SHIFT CTRL + G'.

CHANGE CURSOR-FLASHING LINE -Use 'SHIFT CTRL ESC'.

MEMORY LEFT -Use 'SHIFT CTRL + F'.

SECTORS NEEDED FOR FILE -Use 'SHIFT CTRL + 3'.

NUMBER OF WORDS USED -Use 'SHIFT CTRL + N'.

NOTE : THE FOLLOWING DIRECTIVES MUST BE ON A LINE OF THEIR OWN: 'nx','ex','lk','ps','ln','fp','ft','hd','ep'

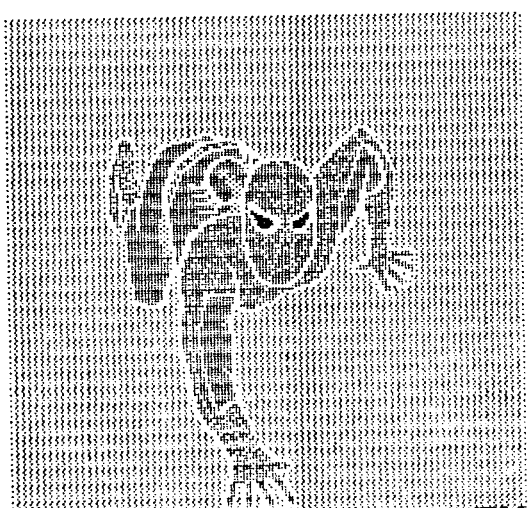
LINE SPACING -Use 'OPTION F + sp(1,2 or 3).'

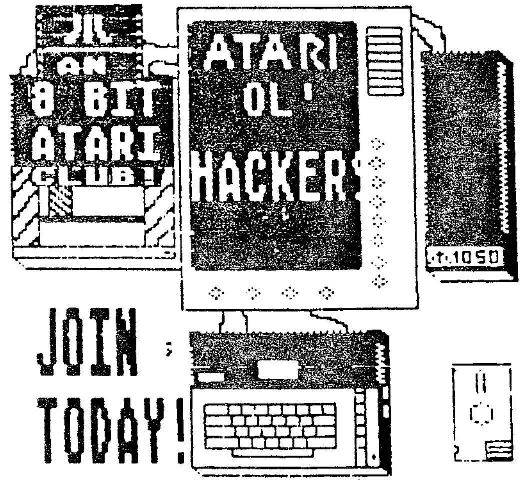
CHAINING FILES Use 'OPTION F + nx' as the last line of current file., i.e. '[OPTION+F]nx:D1:NEXTPROG.***'. Using 'lk will make printing halt & you then load in ynur program name, using 'D1:etc.

LOADING FILE IN MIDDLE OF TEXT Use 'OPTION F + ex' anywhere in the current file that: is on screen and in memory.'

DRAWING * or - ACROSS WHOLE LINE Use 'OPTION F + dv*' (or dv-). Must be activated before each new paragraph.

TO NOT PRINT A PART Use 'OPTION F + sk1. Will, not print till printer comes to 'OPTION F +sk0'.





About The Main Menu !

Below is the NEW! Main menu For The Ol' Hackers/WQNR EBS . Only a few Items have Changed and they are [M] is now the Mail Room in there you can Send E-Mail, Recive E-Mail, An Send and Recive Filemail . The [N] Selection is for Club News and Updates. The [K] Selection is Now the Game Room. There is an added selection [U] that's for your user Utilities and many other options for the Board that are not accessible from the main menu. Selection [1] is for Quick uploading, [2] is for Quick Downloding and [3] is for Pro Batch Downloading. Also back on the Board is Z-Mag now fully devoted to the Atari 8-Bit.

Quick Downloading Now! That's right you can do quick downloading from the main menu on Ol' Hackers/WQNR by hitting [3] and it's also available from the user utility data base section [U]. Do check into it. Also Ol' Hackers/WQNR has its Multi-BBS Loader so now you can call Ol' Hackers/WQNR 2 (Oasis) At The same number (516) 696-4246. You say how does this work? That won't be a problem because there is a help file that will tell you how it works arid what to do. Now you say how do I get to the Multi-BBS loader? That's easy all you have to do is again fr um the main menu is hit [U] and then select, number [8] for the Multi-BBS Loader. From there you can make your selection of weither or not you want to load the next bbs arid call back or you can Exit. But do remember that Ol' Hackers/WQNR is the Main BBS

Ol' Hackers/WQNR BBS Main Menu

[A]tascii/Ascii	[B]File Data Base
[C]all For The Sysop	[F]eedBack
[G]oodbye Logoff	[I]System Info
[K]The Game Room	[L]ibrary DataBase
[M]ail Room	[N]Club News!
[O]ther BBS's	[P]arameter Edit
[Q]-Scan Bases	[R]ead flail
[S]end Mail	[U]ser Utilities
[Y]our Stats	[1]Quick Upload
[2]Quick DownLoad	[3]Batch DownLoading
[!]Edit Scan List	[*]Msg. Ease List
[=]GoTo Msg. Base	[?]This Menu
[Z]On-Line Zreader	

ZMAGAZINE REPRINT
A "BIT" OF HACKER HISTORY

CONTINUED FROM LAST
OL'HACKERS NEWSLETTER

The nicest comment we hear is that the members can't wait for the next meeting. And when we're at the meeting, we don"" like to leave the library even after the meeting's end at 5 p.m.

Meetings generally start at 12 noon and the first hour is spent in socializing and setting up the equipment (which many members contribute for the day). After we have an hour's business meeting, we break for coffee and cake and have a raffle contest. Then we break up into smaller groups for demo's and classes until 5 p.m. or until we are thrown out of the library!

The club owns its own B.B.S. called "THE OL' HACKERS" (what else?) which runs off an Atari 130 XE, a 20 meg. hard drive, MIO, and we are using the Express B.B.S. program by Keith Ledbatter. It runs 24 hours per day, seven days a week through the courtesy of Sysop KEVIN BLAES (our hard-working V.P.) and is quartered in his Lindenhurst home. We also have a network of about nine other B.B.S.'s run by our members.

Of course, we also have the "OL' HACKERS NEWSLETTER" which comes out bimonthly and is exchanged with almost thirty other users groups around the world. Yearly dues are $25, or $2 per month if you join after January.

There are many members who work very hard for the Club whose names I have not mentioned for fear that this report would become six pages long! But, we know who they are and we are very grateful to them. We are proud of our Club and what we have accomplished in a relatively chart span of time. We are also proud to be picked as the "Zmagazine User Group of The Month. We also would like to thank Zmagazine for allowing The Ol'Hackers BBS, to become an official ZMagazine carrier. Listed below are those BBS's that are members of The Ol' Hackers BBS NETWORK

1 *The 01' Hackers/WQNR 300/1200 Baud
Express BBS 516-696-4246

2 *CLEARING HOUSE 300/1200 Baud
Express BBS 516-483-7845

3 $WISE BYTE 300/1200 Baud
Express BES 316-549-7835

4 *GRAVEYARD 300/1200 Baud
Express BPS 516-783-7034

5 *BANDITS HIDEOUT 300/1200/2400 Baud
Express BBS 516-643-4963

6 *MISTER MESSAGE 300/1200 Baud
Express BES 516-434-7698

7 WET N' WILD 300/1200/2400 Baud
Southn/AMIS 516-421-4161

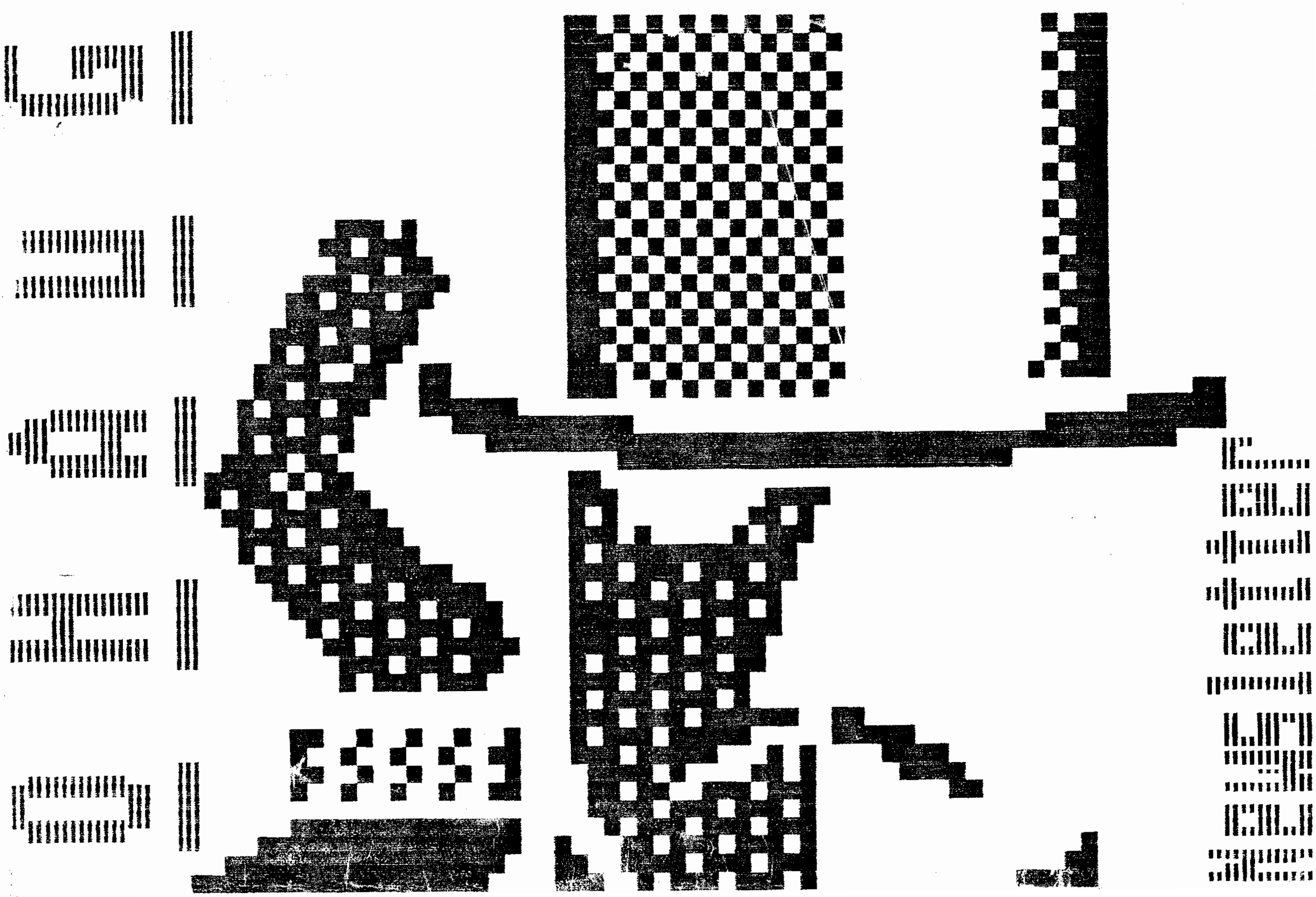
8 S. OF THE BORDER 300/1200/2400 Baud
Southn/AMIS 516-421-5489

9 *NASSAU COUNTY BBS 300/1200 Baud
Express BBS 516-565-5932

10*Traffic BBS 300/1200 Baud
Express BBS 516-737-6179

11*ASGARD BBS 300/1200 Baud
PKAMIS 516-422-5363

OL' HACKERS



CUSTOMS - DOUANE C 1
May be Officially Opened
(Peut être ouvert d'office)

SEE INSTRUCTIONS ON BACK

Contents in detail:
Désignation détaillée
du contenu: Newsletter

Mark X here if a gift .... (X)
Il s'agit d'un cadeau
or a sample of merchandise .... ( )
d'un échantillon de marchandises

Value: ________ Weight: ________
Valeur Poids

PS Form 2916
Jan 1980

A.U.G.
3376 Ocean Hbr. Dr.
Oceanside NY 11572

PRINTED MATERIAL
VALUE 0

ATARI BIT BYTER USER CLUB
C/O WOLFGANG BURGER
WIESCHENBECK 45
D-4352 HERTEN
WEST GERMANY